

Date: Sat, 21 May 94 08:06:25 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #554
To: Info-Hams

Info-Hams Digest Sat, 21 May 94 Volume 94 : Issue 554

Today's Topics:

30Mhz - 40Mhz range, who uses it?
Callsign Server EMAIL Address Wanted
FT-530/Microphone question
Ham Radio few problems! (2 msgs)
HT speaker-mike question
Loomis Invented Radio ?????
Need Advice
repeater slang/lingo.
Repost of IC-3220a problem
sacred frequencies
San Francisco Packet Activity
SEEK INFO: Uniden HR2510 10m Mobile
Software to make mock VEC tests
What does HAM mean ?

Why is Northern Ontario Canada left out of the ARRL repeater directory.

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 20 May 1994 21:06:38 GMT
From: pacbell.com!ohlone.kn.PacBell.COM!jlundgre@decwrl.dec.com
Subject: 30Mhz - 40Mhz range, who uses it?
To: info-hams@ucsd.edu

Jeffrey Herman (jherman@uhunix3.uhcc.Hawaii.Edu) wrote:
: In article <1994May09.054902.132266@zeus.aix.calpoly.edu>,
: shawkins@harp.aix.calpoly.edu (Stuart Hawkins) wrote:

: > Does anyone know who/what uses the 30Mhz to 40Mhz frequency range?
: > I have a European 35Mhz transmitter for my RC aircraft.
: > I would like to know if it's safe to use it in the States.
: > Does anything conflict? Military possibly?

: Up until a very short time ago the Los Angeles City Fire Department
: was operating in this frequency range; they've since moved up to
: uhf. Isn't the California Highway Patrol still down there?

: Jeff NH6IL

The CHP uses 42.xxx MHz. There are some frequencies for local gummint
such as the AQMD there, but it's mostly U.S. Government frequencies. So
there are some active frequencies. There are some old mobile telephone
channels in the middle of 35MHz. Lifeguards are on the low end of 37MHz.
I remember that the L.A. Sheriff's office used the high end of the 30's,
up around 39MHz. But I think they've all gone to trunked systems on
800MHz. If you use the R/C in a large metro area, you can probably
expect interference.

Anyone know the internet address of the FCC database for California? I
telnetted into it once and used it, but I can't find the address. It'll
let you search by frequency, licensee name, etc. I found out that there
is a Marriot hotel on our frequency and it's just a few miles down the
road. The people at work that have radios don't seem to complain,
because their PL tones are different. But it's hard to monitor on a
scanner.

--

```

@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@      John Lundgren - Elec Tech - Info Tech Svcs      @ STD DIS- @
@      Rancho Santiago Community College District      @ CLAIMERS @
@      17th St. at Bristol \ Santa Ana, CA 92706      @ APPLY... @
@      VOI (714) JOHN GAB \ FAX (714) JOHN FRY        @          @
@ jlundgre@kn.pacbell.com \ jlundgr@eis.calstate.edu @          @
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@

```

Date: 20 May 1994 14:20:05 -0700
From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!usc!nic-nac.CSU.net!
channel.ecst.csuchico.edu!psgrain!news.tek.com!news.bv.tek.com!news.bv.tek.com!
not-for-mail@network.ucsd.edu
Subject: Callsign Server EMAIL Address Wanted
To: info-hams@ucsd.edu

I am looking for the email addresses of callsign servers

I've waited for the FAQ to come around, but I haven't seen it for a long time, so I thought I would ask directly.

If you have a list of the servers, their addresses, and protocols I would appreciate it !

NI7M

Bruce Cheney
bruceec@tqs.com

Date: 20 May 1994 17:18:03 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: FT-530/Microphone question
To: info-hams@ucsd.edu

In article <Cq2J7x.7B6@csn.org>, jwdxt@csn.org (Jim Deeming) writes:

Jim,
That mike has a mike element that is covered by the housing of the mike case. A simple matter of drilling a hole in the mike case is all that is needed to resolve the problem. If you would like I can send you the tech sheet on this mod. If you have a fax machine it would be easy, if not I will post it here.

Let me know,
Randy753@aol.com

Date: Fri, 20 May 1994 13:27:40 GMT
From: brunix!maxcy2.maxcy.brown.edu!md@uunet.uu.net
Subject: Ham Radio few problems!
To: info-hams@ucsd.edu

rogjd@netcom.com (Roger Buffington)

> I have been a radio amateur since I was a teenager, back in '66, and in
> my opinion amateur radio has never been healthier. The no-code license
> has proven to be a fabulous vehicle for bringing new people into the
> hobby.

I'm glad that amateur radio in your area is healthy. In this area its in poor health, slowly approaching what amateur radio has become in southern california. Most of the problems have been with CBers coming

into the hobby and bringing their bad habits with them. 90% of the
callsigns I hear on local 2 meter repeaters are N1xxx no-code calls.
The elmers have fled to the safety of private repeaters or other bands.

MD

--

-- Michael P. Deignan
-- Amalgamated Baby Seal Poachers Union, Local 101
-- "Get 'The Club'... Endorsed by Baby Seal poachers everywhere..."

Date: Fri, 20 May 1994 19:37:08 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!darwin.sura.net!
mlb.semi.harris.com!controls.ccd.harris.com!bal@network.ucsd.edu
Subject: Ham Radio few problems!
To: info-hams@ucsd.edu

Michael P. Deignan (md@maxcy2.maxcy.brown.edu) wrote:
: rogjd@netcom.com (Roger Buffington)

: > I have been a radio amateur since I was a teenager, back in '66, and in
: > my opinion amateur radio has never been healthier. The no-code license
: > has proven to be a fabulous vehicle for bringing new people into the
: > hobby.

: I'm glad that amateur radio in your area is healthy. In this area its
: in poor health, slowly approaching what amateur radio has become in
: southern california. Most of the problems have been with CBers coming
: into the hobby and bringing their bad habits with them. 90% of the
: callsigns I hear on local 2 meter repeaters are N1xxx no-code calls.
: The elmers have fled to the safety of private repeaters or other bands.

I think you are over generalizing a bit. The no-code technician license
has brought a wealth of future amateur operators. In my opinion, the 2
meter band has become sort of a novice testing ground. Some stay as no-code
techs, others fall by the way side and drop out of the hobby, while
yet others realize that there is more to ham radio than rag chewing on
a repeater. The last group ends up either upgrading and gets involved in
HF activities or stays on the VHF side of things and get into emergency,
packet, or whatever. This is quite evident by the recent growth in the
QRP clubs across the country.

Stating that your problems have been with CBers coming into the hobby is
taking the easy way out. At one time, I would guess that 50% of the adult
population in the United States owned a CB (my guess only). I think the
real problem is that we are overloading the front end. The VHF repeaters

73, Bruce KR4AQ

MS: R5-202
email: blifter@ccd.harris.com
de KR4A0

Joe Salemi (jsalemi@doghouse.win.net) wrote:

Hi Joe, take a look at the 580 schematic. On the stereo mike jack (JK603) you have a 100 ohm resistor (R602) to 5v. When you use the RS speaker-mike, you are wasting 50 mA. Of course, it works... it just runs your battery down faster. If you're satisfied with that drain, that's fine. I just wanted to warn everyone who has not bought a speaker-mike yet.

73, KG7BK, CecilMoore@delphi.com

Bob Keller writes:

>It's probably not historically accurate to attribute the invention of
>radio to Marconi, but he seems to have been first out the blocks in terms

>of its commercial exploitation!

I agree. Others, most notably Tesla, preceeded Marconi. At the time Marconi sent his single-letter message accross the Atlantic (no mean feat, to be sure), Tesla was giving public, and well-documented, demonstrations of radio-controlled model boats and submarines at Madison Square Garden, and in the Hudson. Some of his models were powered entirely by the received radio energy, including their propulsion motors. It is certainly true, however, that Marconi was streets ahead of Tesla in the practical application of radio to communications, much to the distress of Tesla's financial backers, who thought they were paying for the development of a wireless telegraph system.

Mike White
mwhite@mitre.org
m14494@mwvm.mitre.org
703-883-7923 office
703-430-8402 home

My opinions are my own, not my employer's.

Date: 20 May 94 23:15:39 -0600
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!math.ohio-state.edu!sdd.hp.com!
saimiri.primate.wisc.edu!news.doit.wisc.edu!uwec.edu!hemp!whitemp@network.ucsd.edu
Subject: Need Advice
To: info-hams@ucsd.edu

David Feldman (dgf@netcom.com) wrote:
: In article <2rdfs\$kkkr@paperboy.gsfc.nasa.gov> Erich Franz Stocker
<stocker@spsosun.gsfc.nasa.gov> writes:
: >In article <patrick_tatro.45.7C558180@stortek.com> Patrick Tatro,
: >patrick_tatro@stortek.com writes:
: >> LONG LIVE HF and GOD BLESS the MORSE CODE
: >
: >LONG LIVE SPARK, AM and TUBES!! Down with CW, packet, ICs. -:)
: >
: LONG LIVE SMOKE SIGNALS & DRUMS!! Down with Electricity.
:
Leave it to no-coders to use up more bandwidth than it's worth...

:)
--

Mike White whitemp@cnsvox.uwec.edu
N9UXC Tech+ and climbing

Date: 20 May 1994 19:50:05 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: repeater slang/lingo.
To: info-hams@ucsd.edu

In article <1994May19.172626.1314@tellab5.tellabs.com>,
jwa@tellabs.com (John Albert) writes:

>>
The thing that turns my crank is when someone identifies themself
by giving their call and then they say "for I D ".

Of course! that's what their doing isn't it?
<<

No, not necessarily.. You also throw your call letters out there to
ask for attention of some sort. The "for id" means you do not want
any response, you are just keeping legal and current. It is useful
in a round table, especially when ththere is a pause in the
conversation and yu haven't id'd recently.

If you have a better way, I'm ears.

Jose KD1SB

Date: Fri, 20 May 1994 20:24:05 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!swrinde!emory!kd4nc!
n4tii@network.ucsd.edu
Subject: Repost of IC-3220a problem
To: info-hams@ucsd.edu

gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <1994May19.190838.16533@kd4nc.uucp> n4tii@kd4nc.uucp (John Reed)
writes:

>>I have a friend who has an Icom IC-3220a dual band mobile. The rig has a
>>problem in its 2 meter transmit side....some times it puts out full power
>>and the s/rf meter swings to verify this....however, other times, the mic
>>is keyed and the s/rf meter does not indicate forward power, yet the tx light
>>is on. The rig puts out maybe a farthing of a watt....

>>
>>On the 440 side, the radio operates correctly, and the 2 meter receive side is
>>fine...

>>

>>William, N4SZP, the owner of the rig reports the problem started shortly
>>after a long hot day in Auburn, Al when the temperature in the truck got
>>so hot, it blew out a window...

>>

>>Question: could the heat built up inside the car destroy a componet on the
>>radio?

>Absolutely! It could even cause a solder joint to fail, which is by far the
>most likely culprit from the description of the symptoms.

>>Question 2: Is just the CPU screwing up, as the problem is intermittant...
>>yet more times broke than correct...

>>

>>Question 3: If it is the CPU, what is the procedure for resetting the CPU?

>I seriously doubt the CPU is involved in this problem. If the Tx indicator
>is on, the VCO should be operating and the PLL locked. The problem is much
>more likely to be in the driver or PA stage. Most likely culprits are solder
>joints in a coil or transistor (internal). First you need to make some tests
>to see *where* in the transmit chain the power is being lost. Listen on a
>receiver and see if you hear a weak signal with modulation when transmitting.
>If you do, the VCO/PLL and modulator are fine. Next check the output, or
>collector current, of the driver stage. If you're getting several milliwatts
>out, or you see several tens of ma current flow, then the driver is likely
>OK. Next move to the PA. I'm not familiar with this particular radio, but
>I suspect it uses a power "brick" module. Inspect all the solder joints in
>the external circuitry, try to measure current draw of the module, etc.
>I strongly suspect that there's an intermittant *inside* the brick. Try
>hitting it with some freeze spray and see if it starts working, or quits,
>due to the thermal shock. If it does, replace it.

>>(Gary Coffman, any ideas? You seem to be omniscient (grin)).

>Thanks, I think. Intermittant problems can be a bear to track down.
>Freeze spray and a heat gun are your friends as most intermittants
>respond to thermal cycling. Almost always they are the result of a
>bad connection somewhere in the circuit (often internal to a component).

OK....

We think we might have the problem licked...maybe... I know a few folks
locally that were experiencing similar problems on Icom x8 series radios...
and they just did a software reset and it worked correctly...

Anyway, we did a reset on it (finally found it in the book...william swore
it was not in there... I found it plain as day...

Anyway, we did the reset and the rig is working fine...for now...it was a nice cool night up here in Gainesville last night...so it might still need some reworking... could indeed be a problem in the VHF pa.

Thanks for the help, though Gary...let's hope that it was indeed firmware and not hardware (grin)/....

Also, thanks for the reply --- you the only one!

John

>Gary

>--

>Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
>534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
>Lawrenceville, GA 30244				

--

John Reed - Gainesville, GA		Internet:	n4tii%kd4nc.uucp@gatech.edu
N4TII - AFA2FH - Redstar 204		Packet :	n4tii@n4hdw.ga.usa.noam
"That which can make you can also break you." - Mr. Rhythm's Good Advice			

Date: 18 May 94 15:22:00 GMT
From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!
gatech!concert!news-feed-1.peachnet.edu!news.duke.edu!duke!wolves!psybbs!
1-151-160-0!Dave.Hockaday@network.ucsd.edu
Subject: sacred frequencies
To: info-hams@ucsd.edu

JH> 14.230 - SSTV gathering spot. calling CQ here is greeted with a
JH> answer in SSTV. The CQ'er generally moves.
JH> 14.300 - maritime net stuff and phone patches to the stock broker.

hehehe

JH> 14.313 - see 28.325 below, but not limited to N. Texas
JH> 14.336? - county chasers net
JH> 14.260, 21.260, 28.260 - island chaser frequency.
JH> 28.325 - Nortn Texas Jammers Society. CQ'ing on this frequency is
JH> generally greeeted with a long blast of profanity and JH>
endless tirades. Fortunately the skip is no longer in.

Hummmm...sadly, a lot of truth here on the last freq...

A few other freqs...

3790-3800: 75 meter DX window (I think you may have mentioned this one
though

3880-3885: 75 meter AM window

7290-7295: 40 meter AM window

29.0-29.1: 10 meter AM window

50.4: 6 meter AM window

144.4: 2 meter AM window

14.226.5: Major gathering spot for dx and hopeless QRMing

73 de WB4IUY

X OLX 2.1 X All hope abandon, ye who enter messages here.

Date: 20 May 1994 14:39:40 -0700

From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!udel!news2.sprintlink.net!
news.sprintlink.net!connected.com!connected.com!not-for-mail@network.ucsd.edu

Subject: San Francisco Packet Activity

To: info-hams@ucsd.edu

I am relocating to San Francisco for a two-month job training program.
Would like to know call and frequency of local packet BBS and DX Packet
Cluster nodes. Will be staying near the Wharf; using 5-15 watts and
poor antenna :)

Any assistance will be appreciated. Thanks.

--

Jeff Freedman Tacoma, Washington jfreedmn@hebron.connected.com
K7JF "You come in here with a skull full of mush ..."

Date: 20 May 1994 20:49:31 GMT

From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!nic-nac.CSU.net!usc!
howland.reston.ans.net!EU.net!uknet!bnr.co.uk!corpgate!news.utdallas.edu!
fozzy.aud.alcatel.com!usenet@network.ucsd.edu

Subject: SEEK INFO: Uniden HR2510 10m Mobile

To: info-hams@ucsd.edu

I just purchased a used HR2510 10m mobile radio and it works quite well.
What I'd like to know now are; any tips, tricks, techniques, mods, special
uses, adaptors, accessories, etc, etc. for this radio from experienced

owners/users.

Any help will be greatly appreciated. You may choose to post or reply via e-mail, at your discretion.

TNX and 73,

N5UPF

--

Robert J. Grochowski	rjgrocho@rockdal.aud.alcatel.com	Who needs proof
Alcatel Network Systems	Editor: The Paper Repeater	when you've got
BUS: 214-996-5587	Newsletter of the Alcatel ARA	dumbass opinions?

Date: 20 May 1994 10:30:46 -0700
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!europa.eng.gtefsd.com!
library.ucla.edu!csulb.edu!csus.edu!netcom.com!netcomsv!dodge!not-for-
mail@network.ucsd.edu
Subject: Software to make mock VEC tests
To: info-hams@ucsd.edu

I just downloaded the latests vec test pools from ftp.cs.buffalo.edu and I was wondering... Is there any software on the internet that will take these text files and provide mock tests either on the screen or in printed form?

tnx,
km6wt

Date: Fri, 20 May 1994 20:49:28 GMT
From: newsgate.melpar.esys.com!melpar!phb@uunet.uu.net
Subject: What does HAM mean ?
To: info-hams@ucsd.edu

Here's another possible source: Webster's defines a "ham" actor as one who is considered incompetent. Since that term applied to an actor may predate the invention of wireless (maybe even by a couple of hundred years or more), it could be that the term "ham" operator was applied as a DEROGATORY name by professional wireless operators, especially in the days preceding regulation and licensing after WWI, when amateurs were notorious for cluttering up the spectrum and interfering with commercial wireless. In other words, to the professional wireless operator the amateur was the radio equivalent of a "ham" actor; i.e., basically incompetent.

73 DE K4MSG

Date: 21 May 94 04:47:59 GMT
From: ihnp4.ucsd.edu!agate!library.ucla.edu!psgrain!nntp.cs.ubc.ca!alberta!atha!
aupair.cs.athabascau.ca!rwa@network.ucsd.edu
Subject: Why is Northern Ontario Canada left out of the ARRL repeater directory.
To: info-hams@ucsd.edu

guy@penage.CS.laurentian.CA (Guy Quenneville) writes:
> I just wanted to know why is it that Northern Ontario Canada has
> left out of the ARRL and other repeater directories?

Heck, get yourself a copy of the ARRL Maidenhead Grid maps for North America. You'll find that North America ends at about latitude 51 N. I pointed this out to some nice person at ARRL HQ and they sent me a *World* Maidenhead locator, which did indeed cover my QTH (55N 113W).

This anecdote is symptomatic of a certain kind of USA-centric thinking which I've come to associate with our good southern friends :). I've got to point out in all fairness that they corrected their gaffe for free.

73,
Ross ve6pdq

--
Ross Alexander VE6PDQ rwa@cs.athabascau.ca,
(403) 675 6311 rwa@auwow.cs.athabascau.ca

Date: Fri, 20 May 1994 06:56:10 GMT
From: lll-winken.llnl.gov!sol.ctr.columbia.edu!howland.reston.ans.net!math.ohio-state.edu!usc!crash!beacons!kevin@ames.arpa
To: info-hams@ucsd.edu

References <940516145034@emerald.nist.gov>, <horak.769115710@convex.com>,
<940516161823@emerald.nist.gov>.a
Subject : Re: HTX-202 problem

In article <940516161823@emerald.nist.gov> proctor@onyx.nist.gov writes:
>
> No, I'm not talking about missing the first 3/4 second of a qso. Please
> give me a little bit of credit! :-) I'm talking about the receiver suddenly
> turning on into a qso that has obviously been going on for some time (just
> by the content of the conversation).

>

Yes this problem appears to be inherent in all the HTX-202 radios. I had it too and checked with R.S. to see if they had a service bulletin out about it, but no luck (but this was over a year ago and they may have admitted it since then). I thought about sending it back but it's not important enough to me to lose the radio for a few weeks. It did cause some embarrassing moments when I stepped on people who had been using the repeater for several minutes, though ;-) I just disabled power-save and now I'm a happy camper.

Kevin Sanders, KN6FQ
kevin@beacons.cts.com

```
-----  
| o o  \_/_  o o |  
| o o   @   o o |  
-----
```

Try Boatanchors
For A Real Lift

End of Info-Hams Digest V94 #554
